

CS1200 Introduction to Computer Science and Software Engineering

Fall Semester, 2015

Course: CS 1200.005
When: Mon & Wed : 4:00pm – 4:50pm
Where: RHW ECS Lab
Instructor: Gordon Arnold
gordon.arnold@utdallas.edu
Office: ATEC 1.605
(972) 883-7518
Mon & Wed : 10:30am – 11:30am or by appointment

Course Pre-requisites, Co-requisites, and/or Other Restrictions:

First year student in CS, SE or CE

Course Description

CS 1200 - Introduction to Computer Science and Software Engineering Introduction to the computing professions; overview of CS, SE curricula, connections with Computer Engineering, other ECS fields and Arts and Technology programs; problem solving and other skills needed to succeed as a CS, SE major. Introduction to quantitative methods; team projects designed to replicate decision processes and problem solving in real-world situations; additional preparatory topics for CS, SE majors.

Learning Outcomes

- Awareness of the areas within CS & SE and curricula at UTD
- Understanding of basic logical thinking and problem solving
- Capability of high level solution design for simple algorithms
- Ability to work with teams

Required Textbooks and Materials

- *The 5 Elements of Effective Thinking* by Burger & Starbird
- *Turning Point Response Card Clicker*

This course will require the use of a clicker. A clicker is an audience response device that resembles a small calculator. This allows you to provide real-time feedback to your instructor during class. Class summary results are displayed graphically, providing students and the instructor a gauge as to how well the class is grasping the material. You can purchase (and sell back) your clicker at the UTD Bookstore.

Tentative Schedule

	Topics	Homework (due Sunday night before Monday listed)
Monday, August 24	Intro	
Wednesday, August 26		
Monday, August 31		
Wednesday, September 02		
Monday, September 07	NO CLASS -- Labor Day	HW1 (Scavenger Hunt)
Wednesday, September 09	Guest Presentation: Academic Dishonesty; Ethics	

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.

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Monday, September 14	Guest Presentation: Networking	HW2 (Essay about famous CS person)
Wednesday, September 16		
Monday, September 21		HW3 (Attend Dinner with Faculty)
Wednesday, September 23		
Monday, September 28		HW4 (TBD)
Wednesday, September 30		
Monday, October 05		HW5 (Outline of topics covered)
Wednesday, October 07	Test Review & Project Assignment	
Monday, October 12	Exam 1 in Testing Center	No HW
Wednesday, October 14	NO CLASS	
Monday, October 19		HW6 (Attend a student org meeting)
Wednesday, October 21	Guest Presentation: After Graduation	
Monday, October 26		HW7 (TBD)
Wednesday, October 28		
Monday, November 02	Guest Presentation: Internships	HW8 (Watch a movie about CS)
Wednesday, November 04		
Monday, November 09		HW9 (TBD)
Wednesday, November 11		
Monday, November 16	Exam 2 in Testing Center	HW10 (Outline of topics covered)
Wednesday, November 18	Project Working Session	
Monday, November 23	NO CLASS -- Thanksgiving	No HW
Wednesday, November 25	NO CLASS -- Thanksgiving	
Monday, November 30	Project Working Session	No HW
Wednesday, December 02	Project Working Session	
Monday, December 07	Project Due; Project Presentations	No HW
Wednesday, December 09	Project Presentations	

Grading Policy

Homework: 25%
Tests (2): 45%
Project: 25%
Attendance: 5%

Make-up Exams: Not allowed
Late Work: 25% reduction in grade per day or partial day for any late submissions;
Class Attendance: Required; Attendance will be taken
Classroom Citizenship: Respect for your instructor and your classmates is necessary at all times
No devices (except Turning Point clickers) during lectures

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Grade Scale:	97-100	A+	☺
	93-96	A	
	90-92	A-	
	87-89	B+	
	83-86	B	
	80-82	B-	
	77-79	C+	
	73-77	C	
	70-72	C-	
	<70	F	☹

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please go to

<http://go.utdallas.edu/syllabus-policies>

for these policies.